

UPDATED

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3605	(29/523,505).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/30 09:09
L2	601	1 and (weld or welding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/30 09:10
L3	373	1 and (weld or welding) and (tube or tubular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/30 09:45
L6	1	1 and (forge with (weld or welding)) and (tube or tubular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/30 09:45
S7	11233	((29/243.517,243.518,243.519,282) or (219/85.16,119,439,105,617,59.1,61.2,78.01,97) or (228/219,220,42,214) or (138/109.177,143,145,149) or (405/259.3)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/29 08:59
S8	722	S7 and tub\$4 and oil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/28 16:19
S9	483	S8 and connect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/28 16:20
S42	0	("10621631").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/28 15:44
S43	0	"10621631"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/28 15:45

## EAST Search History

S44	25595	shell.asn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/28 15:45
S45	74	shell.asn.	US-PGPUB	AND	ON	2006/03/28 15:54
S46	3675	anderson.in.	US-PGPUB	AND	ON	2006/03/28 15:55
S47	107	mark with anderson.in.	US-PGPUB	AND	ON	2006/03/28 15:55
S48	11287	((29/243.517,243.518,243.519,282) or (219/85.16,119,439,105,617,59. 1,61.2,78.01,97) or (228/219,220, 42,214) or (138/109.177,143,145, 149) or (405/259.3)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/28 16:19
S49	3812	S48 and tub\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/28 16:19
S52	2926	S49 and (connect\$3 or join\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/28 16:22
S53	1559	S52 and (weld\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/28 16:22
S54	49	S52 and (forge with weld\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/28 16:23
S55	8	S54 and (filler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/28 16:29
S56	1	S54 and (heat-resistan\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/28 16:37
S57	14	S54 and (ceramic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/28 16:47

## EAST Search History

S58	0	S54 and (expandable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/28 16:47
S59	81	("2633374"   "3689113"   "4349050"   "4626129").PN. OR ("5924745").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/29 08:31
S60	109468	(expandable with (tube or tubular)) or EST	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/29 08:44
S61	15605	(expandable with (tube or tubular))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/29 08:44
S62	100	(expandable with (tube or tubular)) and (forge with (weld or welding)) and (internal or inner or inside)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/29 08:52
S64	576	(166/207).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/29 09:04
S65	177	S64 and (weld or welding or welded)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/29 10:15
S66	3860	(228/115,126,127,131,132,219,234. 1,235.1,245).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/29 14:28
S67	1058	S66 and (tube or tubular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/29 10:41
S68	1754	(228/228,234.1,219,219).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/29 14:26

## EAST Search History

S69	444	S68 and (tube or tubular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/29 14:26
S70	1968	(228/228,234.1,218,219).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/29 14:26
S71	1754	(228/228,234.1,219,219).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/29 14:26
S72	214	S70 not S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/29 14:26
S73	43	S72 and (tube or tubular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/29 14:27
S74	1755	(228/115,126,127,131,132,245). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/29 16:19
S75	135	S74 and (weld or welding) and (ceramic or filler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/29 14:28
S76	1	(expandable and (tube or tubular) and (join or joining or connecting) and (forge with weld\$3) and gas). clm.	US-PGPUB	AND	ON	2006/03/29 15:54
S77	1	(expandable and (tube or tubular) and (join or joining or connecting) and (forge with weld\$3) and gas). clm.	US-PGPUB; USPAT	AND	ON	2006/03/29 15:54
S78	291	(228/126,127).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/29 16:19

## EAST Search History

S79	106	S78 and (weld or welding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/29 16:36
S80	338	(29/507).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/29 16:36
S81	67	S80 (weld or welding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/29 16:36